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CENTRAL INTELLIGENCE AGENCY

REPORT

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INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

COUNTRY USSR

DATE OF
INFORMATION 1949

SUBJECT Economic - Logging industry

DATE DIST. 8 Nov 1949

HOW
PUBLISHED Daily newspapers

NO. OF PAGES 4

WHERE
PUBLISHED USSRDATE
PUBLISHED 20 - 27 Aug 1949SUPPLEMENT TO
REPORT NO.

LANGUAGE Russian

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LOGGING INDUSTRY GETS NEW EQUIPMENT;
REPORTS ON PLAN FULFILLMENT

NEW GAS GENERATOR OPERATES ON GREEN WOOD -- Trud, No 197, 21 Aug 49

The Central Scientific Research Institute of Mechanization and Power Engineering of Logging, Ministry of Timber and Paper Industry USSR, after extended research, has designed and made a new gas generator which operates on green firewood, one-half meter in length. The generator is of all-metal design, consisting of an upper bunker, combustion chamber with lower bunker, and a casing with grate. The firewood is burned with the aid of air, pressure-fed by a blower. Moisture in the wood is released in the form of steam, through a special vent. The generator is not large, is light, and compact. It can be installed in an automobile, tractor, or any other machine having an internal combustion engine.

Tests of the KT-12 skidding tractor powered by the new gas generator were recently successfully completed. The generator operated satisfactorily in all speeds. It did not consume more than 45 kilograms of wood per hour.

The new gas generator has great economic importance. All other generators operate on small dried pieces of firewood. The radius of operation of the new generator will be much greater than that of the old generators, as it will not be dependent of fuel bases of dried wood.

DEVELOP NEW LOCOMOTIVES FOR TIMBER INDUSTRY -- Trud, No 197, 21 Aug 49

The Korosten' "Oktyabr'skaya Kuznitsa" Road Machinery Plant of the Ministry of Construction and Road Machinery Building USSR has begun the production of a new light narrow-gauge internal-combustion locomotive. The locomotive is powered by a one-cylinder, 13-horsepower Diesel engine. The locomotive can haul 20 cars, each with a freight capacity of one cubic meter. It has a two-speed forward and reverse gearshift. Its first speed is 5 kilometers per hour, and second speed 10. Each wheel is equipped with a shoe brake.

- 1 -

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The Arkhangel'sk Forestry Engineering Institute has built another new light internal-combustion locomotive, the ALTI-2. It replaces horses in hauling timber. The new locomotive has been successfully tested under the most difficult working conditions. During 2 months, the locomotive hauled 7,600 cubic meters of timber a distance of 2 - 3 kilometers. It hauls an average of 165 cubic kilometers per shift, replacing 10 - 15 carts.

MAKES PARTS FOR SKIDDING TRACTORS -- Sovetskaya Belorussiya, No 166, 21 Aug 49

The Leningrad Plant imeni Kirov makes parts for skidding tractors used in logging camps. By the application of automatic methods, the plant tempers 3,000 parts in 24 hours. Formerly, the tempering furnace could only handle 1,000 parts in the same period.

MODEL TIMBER SECTION SET UP -- Leninskoye Znamya, No 169, 27 Aug 49

The Segezhsbunles Trust has set up a model-experimental timber section in its Zimneye Lake sector, 14 kilometers from Segezha. All operations there are mechanized.

A new and lighter electric saw is used for felling, the KT-12 tractor for skidding, and a three-drum electric winch for skidding timber from swampy areas. The winch is powered by a PPS-60 portable electric power plant. The logs are cut up with electric saws, loaded with a new-type truck crane, and unloaded with automatic machines.

The model-experimental section was set up to acquaint workers with the new equipment which the timber managements and timber points will receive in the future.

LOGGERS TOP 8-MONTH PLAN -- Leninskoye Znamya, No 169, 27 Aug 49

During the first 8 months of 1949, Karelo-Finnish loggers provided 4,600 more cubic meters of timber for pit props than called for by the plan.

The 8-month plan was fulfilled 133 percent by the Chupa Timber Administration (Glazov, director) and 165 percent by the Rugozerskaya Vetka Timber Administration (Mikheyev, director).

GIVES PLAN RESULTS -- Leninskoye Znamya, No 169, 27 Aug 49

Plan fulfillment by the sections of Lesstroytrest (Timber Construction Trust) of the Ministry of Timber and Paper Industry, Karelo-Finnish SSR, as of 20 August 1949 was as follows:

- 2 -

SECRET

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Administrations
and SectionsPercent of Plan Fulfilled
on Basis of Planned Cost

	<u>Year Plan</u>	<u>3d Quarter Plan</u>	<u>Aug Plan</u>
Petrozavodsk Construction Adm			
Payskiy	64.0	39.9	34.0
Pyazhiyovo-Sel'gskiy	49.6	44.2	43.4
Derevyanskiy	80.6	174.1	59.3
Shuysko-Vidanskiy	38.8	38.8	29.5
Khalyul'skiy	66.7	51.1	46.3
Iyaskel'skiy	99.7	-	-
Pigmozerskiy	6.6	15.0	28.9
Pal'yevskiy	30.4	64.5	68.1
Yurkostrovskiy	21.5	61.4	72.4
Suoykoskiy	-	-	-
Sovlo-Syamozerskiy	13.4	28.1	35.6
Sodderskiy	12.0	29.6	44.7
Haykonkosskiy	12.5	37.6	43.1
Pitsiyekskiy	12.1	29.5	30.4
Loymol'skiy	12.0	24.3	15.2
Koyvusel'gskiy	17.6	57.5	30.9
Total	35.7	44.0	40.4
Medvezh'yegorsk Construction Adm			
Pyal'mskiy	53.0	17.9	26.6
Kubovskiy	7.1	16.7	21.6
Krivetskiy	4.5	9.7	17.2
Gabsel'gskiy	9.0	29.7	19.6
Lomchezerskiy	15.1	62.3	56.1
Total	18.3	21.8	27.7

- 3 -

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50X1-HUM

Administrations
and Sections

Percent of Plan Fulfilled
on Basis of Planned Cost

	<u>Year Plan</u>	<u>3d Quarter Plan</u>	<u>Aug Plan</u>
Segezha Construction Adm			
V. Idel'skiy	66.0	45.8	63.9
Polginskiy	24.5	40.0	96.1
Taygenitskiy	-	-	-
Velaayskiy	20.3	61.8	77.0
Sergiyevskiy	80.0	196.0	68.1
Dubrovskiy	16.9	47.5	48.0
Telekinskiy	40.8	49.6	65.6
Chernoporozhskiy	20.4	34.1	65.1
Vachskiy	11.4	41.7	71.3
Total	34.2	56.5	68.0
Solovetskiy Construction Adm			
Malen'gskiy	55.0	59.0	40.2
Virandozerskiy	70.8	76.8	57.0
Ambarnyy	7.8	50.6	69.2
Tumskiy	9.4	40.9	72.5
Vorenzhskiy	10.3	42.8	74.0
Kuzbaniyemskiy	-	-	-
Kesten'gskiy	-	-	-
Total	32.4	53.9	53.5
Total for Lesstroytest	32.3	44.8	46.8

TIMBER FLOATED DOWN OB' RIVER -- Pravda, No 232, 20 Aug 49

An 820-meter raft was floated from Khanty-Mansiysk National Okrug to Salekhard down the Ob' River. It contained 40,000 cubic meters of timber.

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- 4 -

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